

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYOIL & GAS OPERATIONS
RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

M. J. Harvey, Jr.

4. ADDRESS OF OPERATOR

P. O. Box 12705 Dallas, TX 75225

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)

At surface

1980' FNL and 1830' FNL (SENW)

At proposed prod. zone

Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 miles south of Green River, Utah

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

660'

8. DISTANCE FROM PROPOSED*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

9. NO. OF ACRES IN LEASE

2560

10. NO. OF ACRES ASSIGNED
TO THIS WELL

40

11. DISTANCE FROM PROPOSED*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

12. PROPOSED DEPTH

5000'

13. ROTARY OR CABLE TOOLS

Rotary

14. ELEVATIONS (Show whether DF, RT, GR, etc.)

5037' Ungraded

15. APPROX. DATE WORK WILL START*

April 30, 1982

16. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT
2 1/4" conductor	pipe-20"	5#
12 1/4"	8 5/8"	24#
7 7/8"	4 1/2"	11#

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 4/30/82
BY: [Signature]

We propose to drill a 5000' Desert Creek formation test. If the well is productive, we will case as shown above and complete as indicated on the attached 10-Point. If dry, we will Plug and Abandon as required by the U. S. Geological Survey and the State of Utah.

Conductor pipe will be set over the lease expiration date.

LEASE EXPIRES APRIL 30, 1982

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

TITLE

[Signature]

DATE

3/15/82

(This space for Federal or State office use)

PERMIT NO.

[Signature]

APPROVAL DATE

E. W. Guynn

District Oil & Gas Supervisor

APR 23 1982

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DATE

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

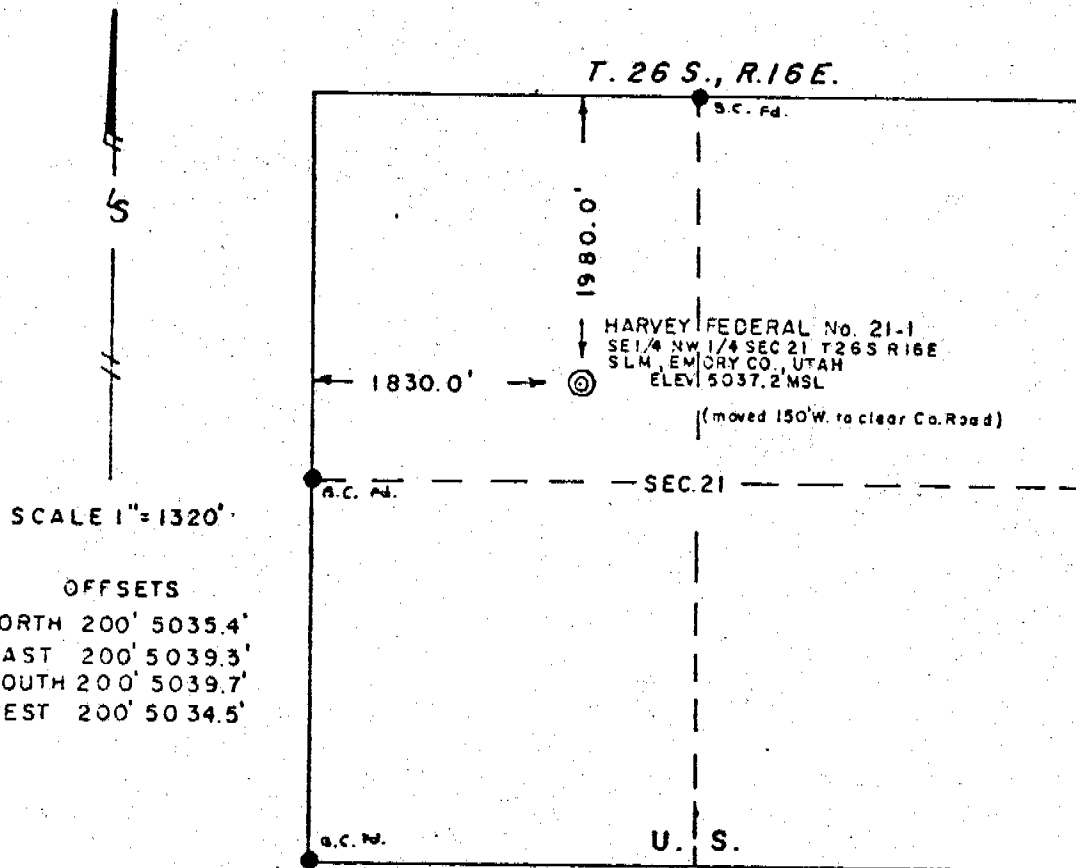
FLARING OR VENTING OF
GAS IS REQUIRED TO MEET 4-A
DATE: [Signature]

LANE SURVEYS

FOR
— BOUNDARIES —
LEGAL DESCRIPTIONS
TOPOGRAPHIC SURVEYS
CONSTRUCTION SURVEYS

1739 NEWTON DRIVE
CHEYENNE, WYOMING 82001

VERN E. LANE
PHONE 632-1487
RLS NO. 839 WYO.
MEMBER - ACSM



WELL HARVEY FED. 21-1 FIELD WILDCAT
LOCATION 1980 ft. from N. Line - 1830 ft. from W. line
SECTION 21 TOWNSHIP 26 S. RANGE 16 E., S.L.M.
ELEVATION 5037.2 ft. MSL - natural ground
COUNTY EMORY STATE UTAH DATE Jan. 25, 1982

CERTIFICATE OF SURVEYOR

I, JOHN A STEIL, REGISTERED LAND SURVEYOR, STATE OF UTAH,
DO HEREBY CERTIFY THAT THE PLATTED LOCATION SHOWN ABOVE
CORRECTLY REPRESENTS A SURVEY MADE UNDER MY SUPERVISION
BY VERN E. LANE ON THE GROUND AND IS TRUE AND CORRECT TO
THE BEST OF MY KNOWLEDGE.

John A. Steil
1982 R 1 S No. 5204

ADDITIONAL INFORMATION

M. J. Harvey, Jr.

Harvey Federal #1-21

SE NW Section 21, T26S, R16E

Emery County, Utah

1. GEOLOGIC SURFACE FORMATION

The surface is the Navajo formation.

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Kayenta	600'	Organ Rock	2670'
Chinle	1120'	Hermosa	3700'
White Rim	2150'	Desert Creek	4750'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERAL-BEARING FORMATIONS

Chinle	1120'-1200'	Possible water
Desert Creek	4750'-4900'	Oil and Gas

4. PROPOSED CASING PROGRAM

Conductor	20"	5#	30'	New
Surface	8 5/8"	24#/ft.	300'	New K-55
Production	4 1/2"	11#/ft.	TD	New K-55

5. OPERATOR'S MINIMUM SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

The attached EXHIBIT "Z" is a schematic diagram of equipment to be used. All components of this equipment will be tested to 1000# pressure after installation. Pipe rams will be operated and checked each time drill pipe is out of the hole.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING FLUID

From surface to total depth, the fluid will have a weight of 9.0 to 9.6# with flocculant, lime or gel added as needed. A viscosity of 34-38 with a 6-8 water loss will be maintained. Sufficient quantities of mud material will be kept on location at all times.

7. AUXILLIARY EQUIPMENT TO BE USED

A. A kelly cock will be used at all times.

M. J. Harvey, Jr.
Harvey Federal #1-21

- B. A float will be used above the bit whenever possible.
- C. Pit level is visually monitored by rig personnel at all times.
- D. A stabbing valve will be on the rig floor to be stabbed into the drill pipe when the kelly is not in use.

8. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A. Drill stem tests will be made in any formation indicating commercial production.
- B. No coring program is planned.
- C. Logs run will be IES from surface to total depth, and Compensated Density from 400' above the Desert Creek to total depth, with other logs run as determined necessary at the time.
- D. If fracture treatment is required, we plan to use water. If flammable material is used, we will space all frac equipment as necessary for safety and regulations.

9. ANY ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

No abnormal pressures or temperatures have been noted in the few wells drilled to the Desert Creek in this area. No hazards such as hydrogen sulfide gas are known to be present.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS

The anticipated starting date is April 30, 1982. This lease expires at midnight, April 30, 1982. I intend on setting conductor pipe over the lease expiration date and drilling to total depth within 60 days.

3000// W.P.
6000// Test

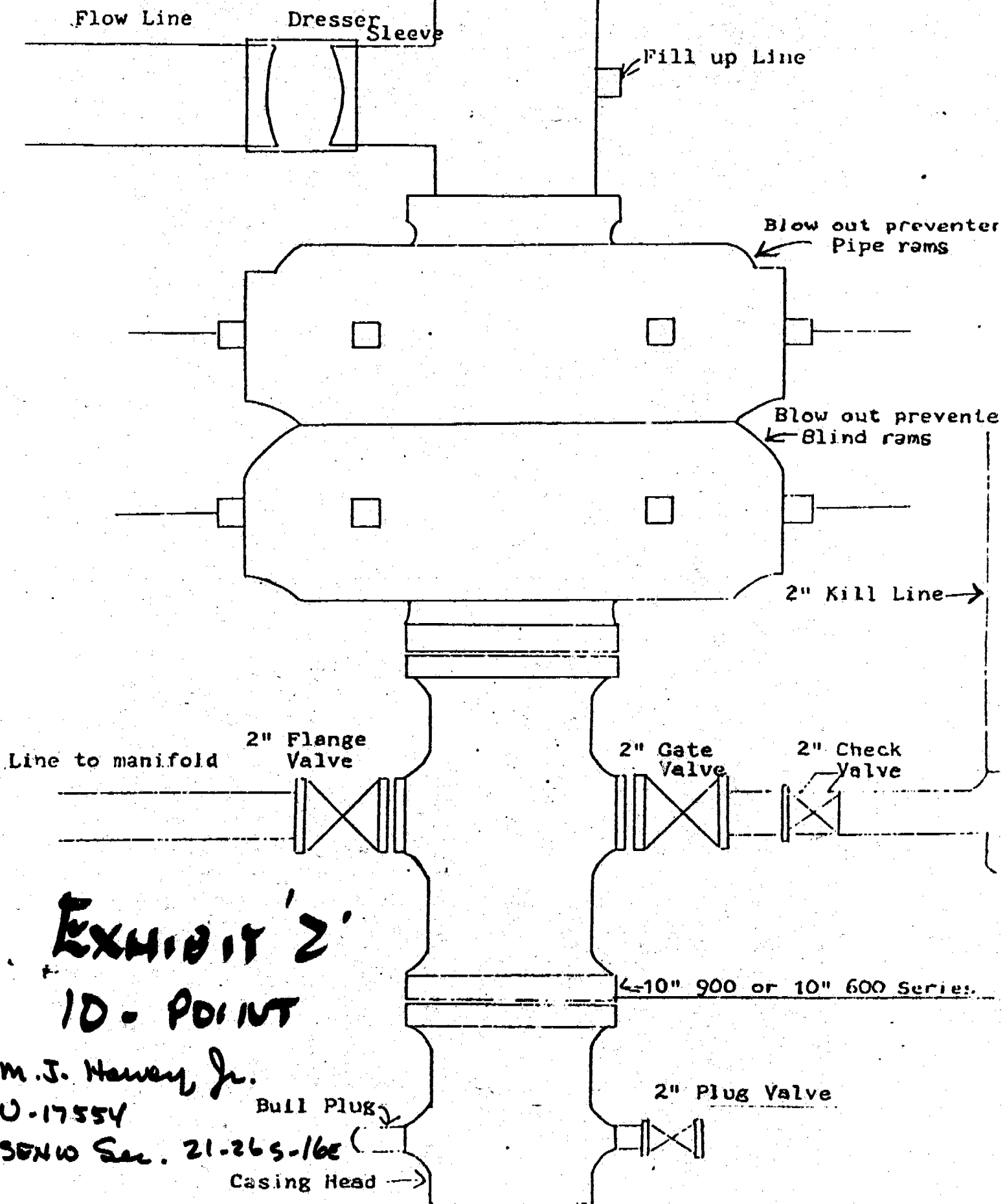


EXHIBIT '2'
10- POINT

M. J. Hawley, Jr.
U-17554
SONO Ser. 21-265-165
Bull Plug
Casing Head

MULTI-POINT SURFACE USE
AND OPERATIONS PLAN
M. J. HARVEY, JR.

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

APR 5 1982

SALT LAKE CITY, UTAH

U-17554

Harvey Federal #1-21

SENW Section 21, T26S, R16E

Wildcat Field

Emery County, Utah

1. EXISTING ROADS

- A. Refer to the enclosed Survey Plat and EXHIBIT "A" for the proposed wellsite as staked. Onsite staking includes 200-foot directional reference stakes.
- B. Refer to EXHIBIT "A". The wellsite is 30 miles south of Green River, Utah.
- C. Access roads to the drillsite are labeled and color coded.
- D. As this is an exploratory well, refer to EXHIBIT "B" for all roads within 3 miles.
- E. This is not a development well.
- F. Refer to EXHIBIT "A" for roads from Green River to Point (1) which is state maintained. The roads from Point (1) to the drillsite is county maintained.

2. PLANNED ACCESS ROADS

Refer to EXHIBITS "B" & "C". The proposed drillsite was moved 150' west of center to avoid a county road.

- (1) Access from the county road onto the drillsite will be flat bladed for drilling and upgraded after production is encountered. The road surface will be 18 feet wide.
- (2) The maximum grade on the new road is 1-2 percent.
- (3) The only turnouts built will be from the county road onto the drillsite.
- (4) If production is encountered, the road will be constructed to allow proper drainage with water diversion ditches put where necessary.

M. J. Harvey, Jr.

Harvey Federal #1-21

- (5) No culverts will be installed during drilling. However, they will be installed if necessary after production is encountered. There are no major cuts or fills.
- (6) We do not plan to use any foreign surfacing materials.
- (7) Cattleguards, gates, or fence cuts are not needed.
- (8) As the drillsite is beside a county road, the access is not flagged other than stakes on the location.

3. LOCATION OF EXISTING WELLS

See EXHIBIT "B". There are no wells within two miles. The nearest well of any kind is a dry hole drilled in 1972 in the SW SW of Section 31, T26S, R16E by Hunt Petroleum Corporation.

- 0 Water wells
- 0 Abandoned wells
- 0 Temporarily abandoned wells
- 0 Disposal wells
- 0 Drilling wells
- 0 Producing wells
- 0 Shut-in wells
- 0 Injection wells
- 0 Observation wells

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. M. J. Harvey, Jr. does not have facilities within one mile of the proposed drillsite.
- B. Refer to EXHIBIT "C" for all proposed facilities when production is encountered.
 - (1) New facilities will be placed on the south and east sides of the location.
 - (2) Refer to EXHIBIT "C" for dimensions of facilities which will be installed on the site if production is encountered.

M. J. Harvey, Jr.

Harvey Federal #1-21

- (3) Equipment used for production facilities will consist of a pumping unit, two tanks, and a heater-treater if necessary. All facilities will be erected in accordance with all applicable rules and regulations.
 - (4) Measures to protect animals will be to enclose the weights on the pumping unit and to fence the pit.
 - C. We plan to rehabilitate disturbed areas not needed for operations after construction by restoring and reseeding according to Bureau of Land Management recommendations.
5. LOCATION AND TYPE OF WATER SUPPLY
- A. The actual water source is undetermined at this time, but local water haulers will supply the location of the water and necessary permits at a later date.
 - B. All water used will be trucked on existing roads.
 - C. We will not drill water supply wells.
6. SOURCE OF CONSTRUCTION MATERIALS
- A. Fencing materials will be the only construction materials required. They will be purchased in Moab or Hanksville, Utah.
 - B. No construction materials will be obtained from Federal or Indian lands.
 - C. We do not plan to use foreign materials such as gravel, asphalt, etc. However, if they are necessary, they will be purchased from local reputable contractors with all the required permits.
 - D. Not applicable.
7. METHODS OF HANDLING WASTE DISPOSAL
- (1) Drilling cuttings will be disposed of and contained in the reserve pit.
 - (2) Drilling fluids will be disposed of and contained in the reserve pit.

M. J. Harvey, Jr.
Harvey Federal #1-21

- (3) Water produced during testing will be put in the reserve pit. Water produced during production will be disposed of in accordance with NTL-2B. Oil produced during testing will be put in test tanks located on the drillsite.
- (4) All sewage is to be contained in a portable tank or chemically treated hole on the location and buried at least 4 feet deep after operations are completed.
- (5) Garbage and waste materials will be contained in a trash pit enclosed on four sides and 3/4 of the top with small mesh wire and covered with at least 2 feet of dirt after it is not in use.
- (6) Upon completion of drilling operations, all waste materials will be collected and either burned or buried on the drillsite. The reserve pit will be backfilled after it is dry. The mouse hole and rat hole will be filled and the drill hole covered or plugged immediately.

8. ANCILLARY FACILITIES

Any such facilities are to be temporary and will consist of one self-contained trailer house on the drillsite. No camps or airstrips are to be constructed.

9. WELL SITE LAYOUT

- (1) Refer to EXHIBIT "C" for cross sections of the drill pad with cuts and fills.
- (2) Refer to EXHIBIT "D" for the location of all necessary rig equipment and living facilities and for the location of soil stockpiles.
- (3) Refer to EXHIBIT "D" for the location of parking areas, access roads and rig orientation.

M. J. Harvey, Jr.
Harvey Federal #1-21

- (4) The reserve pit and trash pit will be unlined.

10. PLANS FOR RESTORATION OF SURFACE

- (1) All disturbed areas will be backfilled and returned to as near original contours as possible.
- (2) Revegetation and rehabilitation of disturbed areas will comply with Bureau of Land Management recommendations.
- (3) The reserve pit will be fenced on three sides during drilling and on the fourth side immediately after rig release.
- (4) Any oil in the pit will be removed immediately.
- (5) All rehabilitation will begin as soon as possible.

11. OTHER INFORMATION

- (1) The wellsite as staked lies on a broad, nearly flat, colluvium-covered surface. Vegetation in the sandy soil consists of yucca, cactus, thorn bushes, weeds and native grasses.
- (2) The surface at the drillsite is owned by the Federal Government and regulated by the Bureau of Land Management. The area is used for wildlife habitat.
- (3) There are no occupied dwellings, no water wells or surface water in the area. There are no known historical, cultural, or archeological sites within close proximity. An archeological survey will be conducted and the results sent to appropriate agencies.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

M. J. Harvey, Jr.
P. O. Box 12705
Dallas, TX 75225
(214) 363-7380

NTL-6 Representative
Jerry Keeler
P. O. Box 927
Newcastle, WY 82701
(307) 746-9337

M. J. Harvey, Jr.
Harvey Federal #1-21

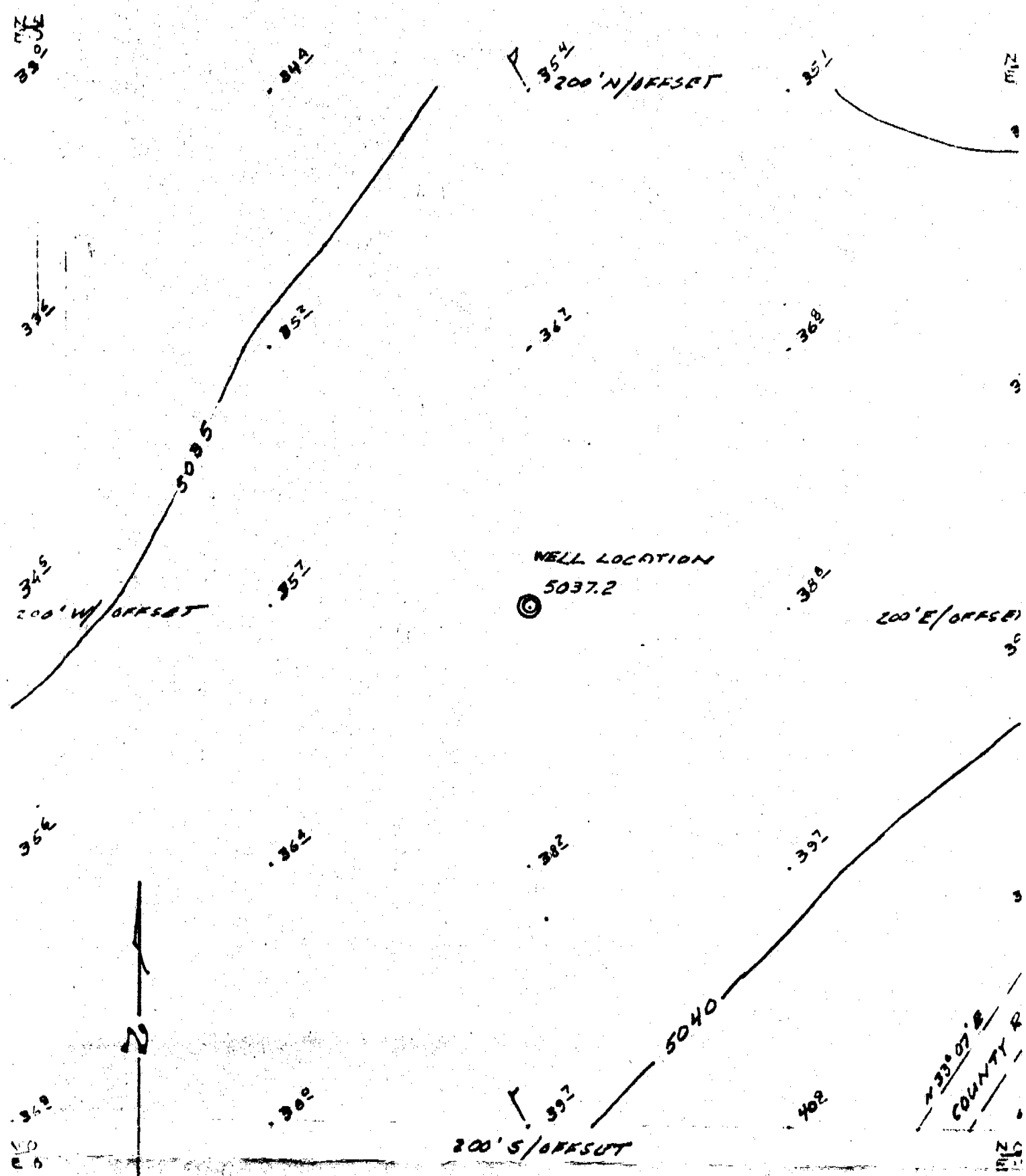
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by M. J. Harvey, Jr. and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

3/15/82	M. J. Harvey, Jr.	Owner
Date	Name	Title

Exhibit C

HARVEY FEDERAL 21-1
1830' F.W.L. - 1980' F.N.L.
SEC. 21, T. 26 S., R. 16 E., S.L.M.
EMORY COUNTY
UTAH



SCALE 1" = 50'
100' GRID
STAKED

SOIL: SANDY - NO ROCK
VEGETATION: SM. SAGE - THIN
NATIVE GRASS

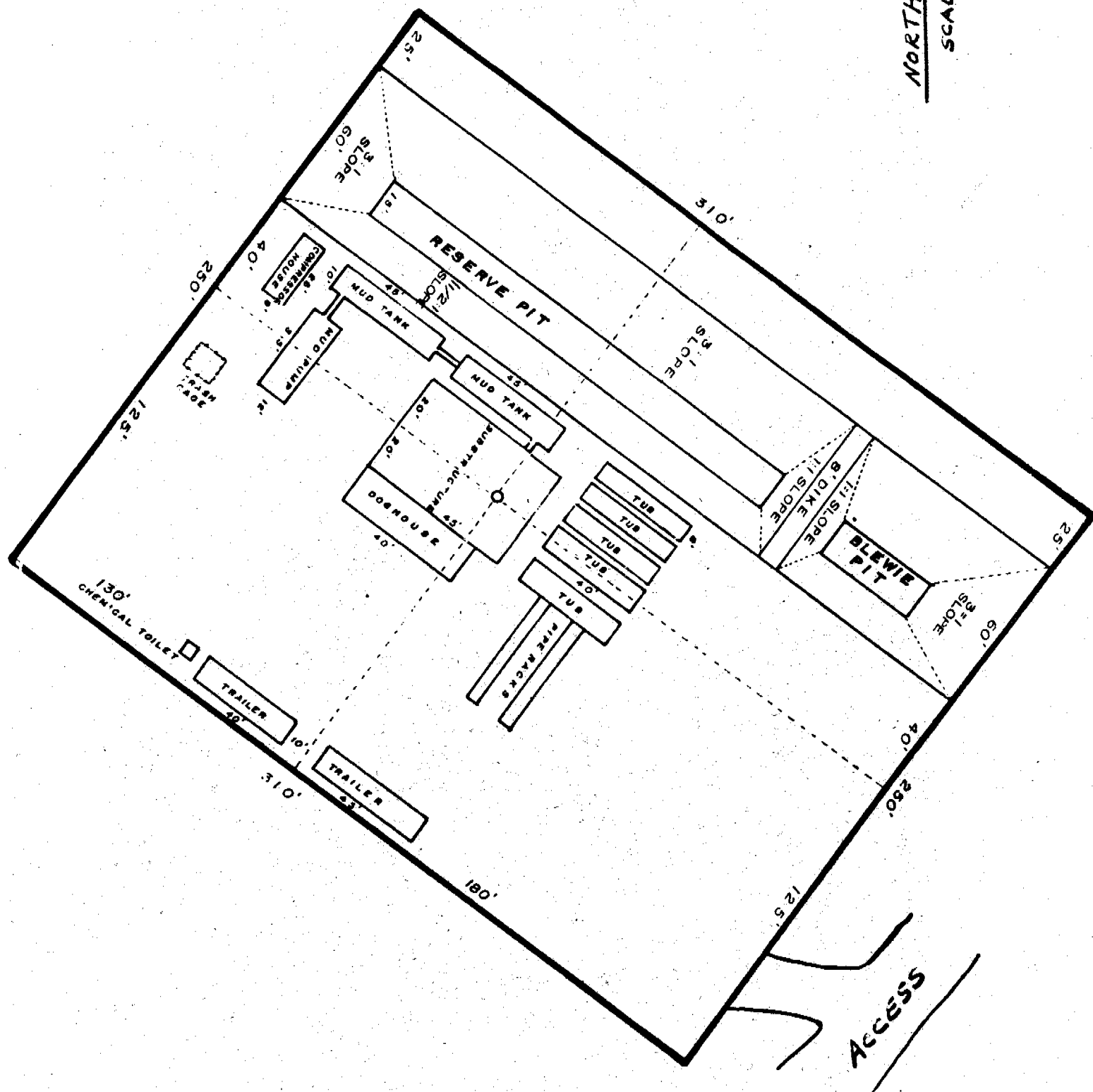
NOTE: LOCATION MOVED 150' WEST AS REQUESTED
BY BLM TO CLEAR COUNTY ROAD

EMORY CO. UTAH

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

APR 19 1982
SALT LAKE CITY, UTAH

NORTH
SCALE 1"=50'

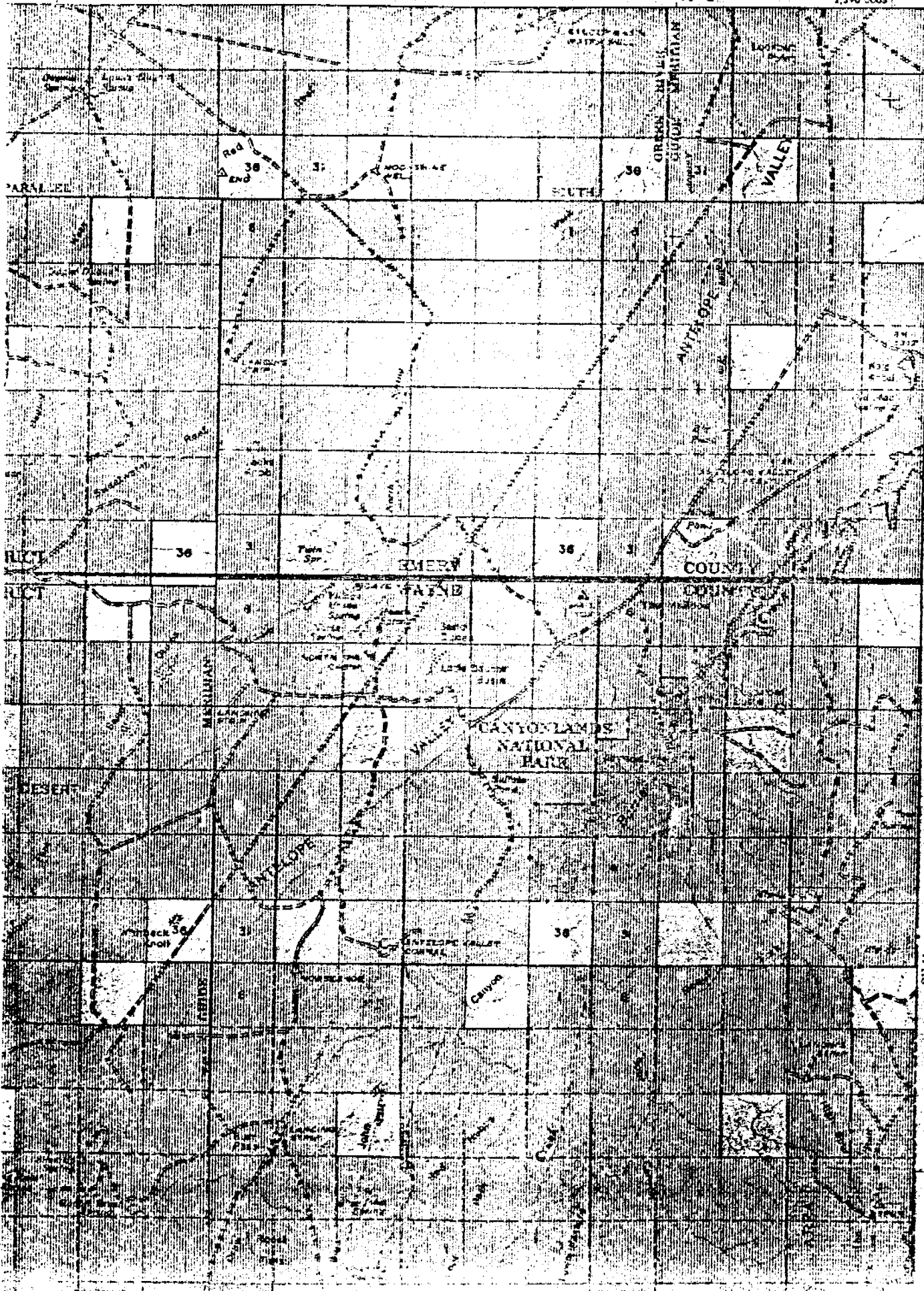


R. 14 E. *Exhibit B*

R. 15 E.

R. 16 E.

2,390,000



710,000

T. 25 S.

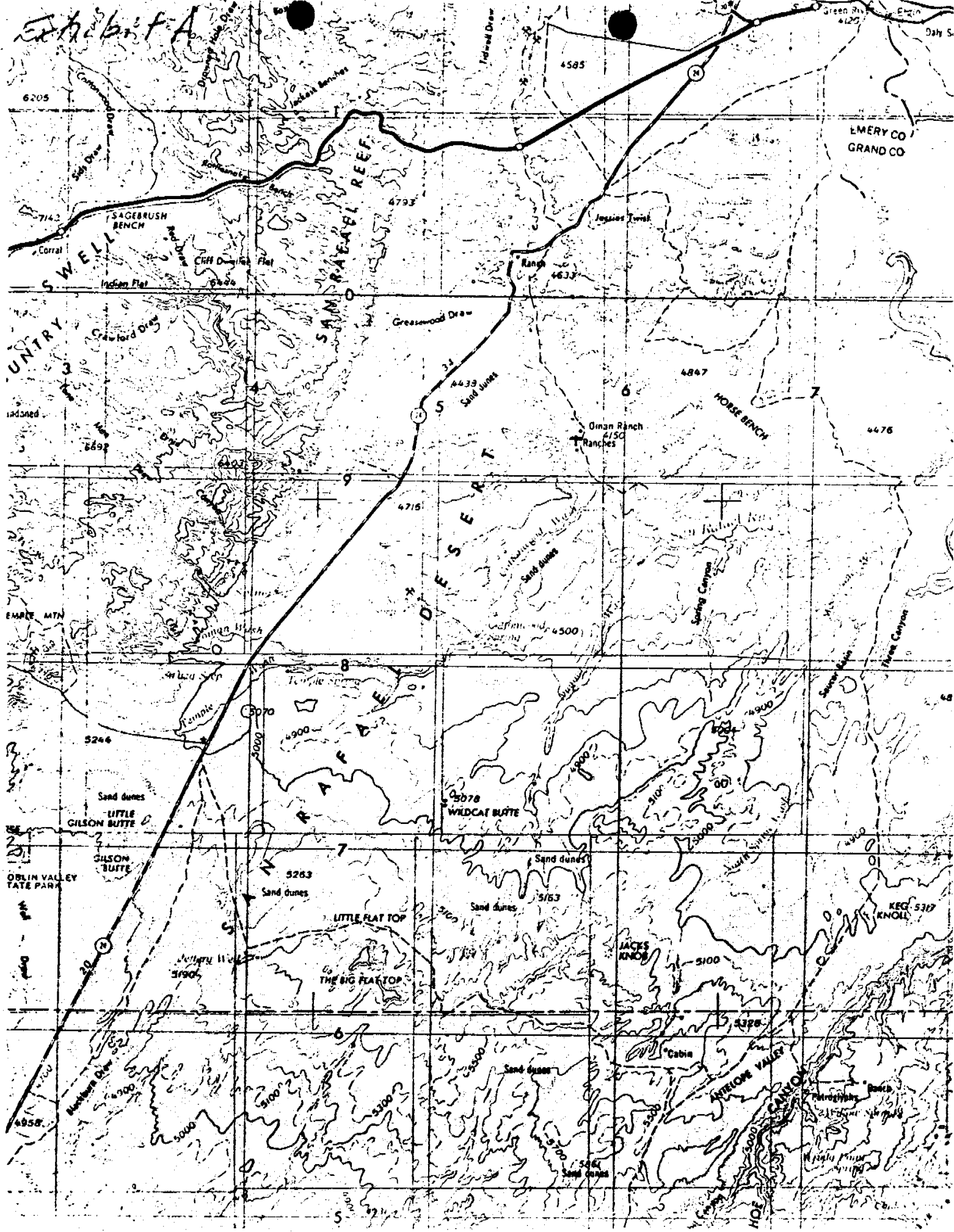
270,000

T. 26 S.

T. 27 S.

SE-11

T. 28 S.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND NUMBER U-17554
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, SLOTTED PERMIT APR 30 1982
2. NAME OF OPERATOR M. J. Harvey, Jr. 214-363-7382		7. UNIT AGREEMENT SANT LAKE CITY, UTAH
3. ADDRESS OF OPERATOR P. O. Box 12705 Dallas, TX 75225		8. FARM OR LEASE NAME Harvey Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL and 1830' FWL (SENW) At proposed prod. zone Same		9. WELL NO. 1-21
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 30 miles south of Green River, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any.) 660'		11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA Sec. 21, T26S, R16E
16. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA		12. COUNTY OR PARISH Emery
17. NO. OF ACRES IN LEASE 2560		13. STATE Utah
18. PROPOSED DEPTH 5000'		22. APPROX. DATE WORK WILL START April 30, 1982
19. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5037' Ungraded		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
4" conductor	pipe-20"	5#	30'	Cement to Surface
12 1/4"	8 5/8"	24#	300'	Cement to surface
7 7/8"	4 1/2"	11#	TD	150 Sacks

We propose to drill a 5000' Desert Creek formation test. If the well is productive, we will case as shown above and complete as indicated on the attached 10-Point. If dry, we will Plug and Abandon as required by the U. S. Geological Survey and the State of Utah.

Conductor pipe will be set over the lease expiration date.

LEASE EXPIRES APRIL 30, 1982

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO
DATED 1/1/80

STATE OF G

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company M. J. Harvey, Jr. Well No. 1-21
Location Sec. 21, T. 26S, R. 16E Lease No. U-17554

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Supervisor must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the District Supervisor's office within 48 hours after spudding. If the supdding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Supervisor's office on a frequency and form or method as may be acceptable to the District Supervisor.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with the U.S. Geological Survey Accounting, P.O. Box 2859, Casper Wyoming 82602.

Any change in the program must be approved by the District Supervisor, "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6 and prior approval by the District Supervisor.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) ~~(are not)~~ involved at this location. Accordingly, you (must) ~~(need not)~~ notify the Surface Management Agency at least ~~(24)~~ (48) hours prior to commencing field operations to allow the Surface Management Agency office to have personnel present for consultation during the construction of roads and locations.

The Surface Management Agency contact is: Merv Miles
Office Phone: (801) 637-4584, Home Phone: _____
City: Price, State: Utah

The Minerals Management Service office address and contacts are:

Address: 2000 Administration Building, 1745 West 1700 South, SLC, Utah 84104-3884

Office Phone: (801) 524-4590

District Supervisor E. W. Gynn

Home Phone: (801) 582-7042

District Drilling Engineer W. P. Martens

Home Phone: (801) 466-2780

District Production Engineer R.A. Henricks

Home Phone: (801) 484-2294

Staff Engineer A.M. Raffoul

Home Phone: (801) 484-2638

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operation Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Supervisor, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Supervisor's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact the Surface Management Agency 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.

12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

- a. Operator name, address and telephone number.
- b. Well name and number.
- c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
- d. Date well was placed in a producing status.
- e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.
- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.
- g. If appropriate, the unit agreement name, number and participating area name.
- h. If appropriate, the communitization agreement number.

13. _____

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED



United States Department of the Interior

GEOLOGICAL SURVEY
BOX 25046 M.S. 609
DENVER FEDERAL CENTER
DENVER, COLORADO 80225

IN REPLY REFER TO
Memorandum

January 7, 1982

To: Central Region, Oil and Gas Lessee/Operators

Subject: SAFETY ALERT

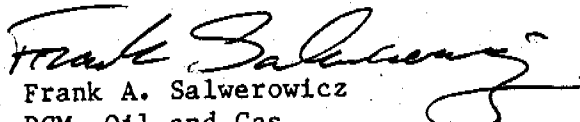
On October 9, 1981, three drilling rig personnel were injured in an air-drilling related accident on federal lands under the supervision of our Grand Junction, Colorado, District Oil and Gas Office. We feel that this accident involved factors that, if correctly handled, could have prevented the accident.

The accident occurred as the retaining ring on the rotating head was being unbolted. This was being done so that the drill collars could be pulled through the rotating head during a trip to change the bit. As the retaining ring was being unbolted, high pressure was unexpectedly encountered. The rubber gasket, and a mixture of air, mud and rocks were expelled with great force; thereby injuring two crewmen standing over the rotary table, and one other crewman on the rig floor.

It was later discovered that the 8-inch blooie line was plugged at a bend leading to the pit. This bend was a tee with one end blind. Apparently, the blooie line plugged at approximately the time the air was shut-off after being used in cleaning the hole while tripping. It must be assumed that the high pressure was the result of air being trapped at the time the blooie line plugged off.

It is recommended that the following precautions be taken during air-drilling operations to prevent reoccurrence of this type of accident:

1. As a normal step in tripping prior to removing the retaining ring on the rotating head, the choke and kill lines should be opened to assure that all pressure has been eliminated from the system.
2. Eliminate the use of 90 degree bends in the blooie line hookup (minimum angle should possibly be 120 degrees).
3. Install a pressure gauge into the blooie line near the rotating head for monitoring.
4. Periodically check the valves and connections in the blooie line for build-up of cuttings.


Frank A. Salwerowicz
DCM, Oil and Gas
Central Region

M. J. Harvey, Jr.
Well No. 1-21
Section 21, T.26S, R.16E
Emery County, Utah
Lease U-17554

Supplemental Stipulations

- 1) Surface casing must be extended into the Kayenta formation expected at 600 feet deep to protect fresh water aquifers of the Navajo formation. Adequate quantities of cement must be used to circulate to surface.
- 2) Any fresh water aquifers below the Navajo must be adequately isolated to prevent contamination.
- 3) The plugging program must be coordinated with MMS. Plugging design must insure that communication, contamination and commingling of formations via the well bore is avoided to protect fresh water aquifers.
- 4) Topsoil will be windrowed downwind of the location away from the reserve pit.
- 5) The reserve pit will be unlined unless subsurface conditions encountered during construction indicate the need for lining to insure fluid retention.
- 6) The drill pad layout will conform to the design as discussed at the onsite inspection and as submitted to MMS on April 19, 1982. However, surface disturbances North of the reserve pit will be kept to a minimum.
- 7) Use of water from sources such as wells, springs, streams, or stock ponds for activities associated with this well will be approved or authorized, prior to use, by the agency or individual holding the water right.
- 8) Use, maintenance and/or upgrading of County roads will be coordinated with appropriate agencies.
- 9) Topsoil to a depth of 6 inches (approximately 3,000 cu. yds.) shall be stockpiled. When drilling is completed, land will be returned to original contour before topsoil is respread.
- 10) Seeding shall take place from October 1 to May 1. Seeding shall be by drilling and harrowing and shall be repeated until vegetation is successfully established unless otherwise approved in writing by the Authorized Officer. The following seed mixture shall be used:

Grass

Rate

Indian ricegrass	3 lbs. per acre
Crested wheatgrass	3 lbs. per acre
Yellow clover	3 lbs. per acre

- 11) During the drilling operations the County road will not be blocked in any way.
- 12) All vehicle travel will be confined to existing roads. Off road travel is prohibited.
- 13) Trash will be contained in a wire cage or drum and hauled to an approved dump site.
- 14) A chemical toilet shall be provided at the drill site. Pit toilets will not be allowed.
- 15) The Holder shall follow accepted engineering practices in constructing roads and avoid excessive scarring or removal of vegetation.
- 16) Drainages shall not be plugged by roadbeds. Drainage crossings shall be constructed so as not to cause siltation or accumulation of debris. Where siltation or accumulation of debris occurs, the drainage crossing shall be reworked or relocated.
- 17) Broad-based drainage dips shall be constructed on long, steep road grades. Dips may be installed after temporary roadbeds have been constructed or during construction of permanent roads.
- 18) Low water crossings shall be used in temporary roads where road locations are more than one-half mile below the head of a drainage.
- 19) If the road becomes a permanent road, the following will apply:
 - A. All permanent roads shall be constructed and maintained in good condition for vehicles. Roadway grades and widths for permanent roads must be approved.
 - B. Only one permanent road will be allowed to serve the lease area with one permanent road to each well.

An archaeological evaluation was done by Nickens and Associates for M. J. Harvey, Jr., Well 1-21. No cultural resources were observed or recorded in the field and no National Register status sites will be affected by the drilling program. The cultural clearance is granted with the following stipulations:

- 1) All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
- 2) All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.
- 3) Should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area, the BLM will be notified immediately.

Identification No. 240-82

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator M. J. HARVEY JR
Project Type OIL WELL
Project Location 1980' FNL, 1830' FWL, SEC 21, T 26 S, R 16 E
Well No. 1-21 Lease No. U-17554
Date Project Submitted 4-5-82

FIELD INSPECTION Date 4-14-82

Field Inspection
Participants

<u>GEORGE DIWACHAK</u>	<u>MMS</u>
<u>MERV MILES</u>	<u>BLM</u>
<u>NEIL EDWARDS</u>	<u>M. J. HARVEY</u>
<u>JIM BOULDEN</u>	<u>BOULDEN CONST.</u>
<u>CARL HUNT</u>	<u>HUNT'S SERVICE</u>
<u>SUE EININGER</u>	<u>NICKENS & ASSOC.</u>

Typing In & Out: _____

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

4/23/82

Date Prepared

George J. Diwachak
Environmental Scientist

I concur

APR 23 1982

Date

W. P. Mather

District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety	1 (4-19-82) ↓						6	6 (4-14-82) ↓	4, 8
2. Unique charac- teristics	1						6	6	4, 8
3. Environmentally controversial	1						6	6	8
4. Uncertain and unknown risks	1						6	6	4, 8
5. Establishes precedents	1						6	6	
6. Cumulatively significant							6	6	
7. National Register historic places	1								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law	1							6	4, 8

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS

RECOMMENDED STIPULATIONS

1. SURFACE CASING MUST BE EXTENDED INTO THE KAYENTA FORMATION EXPECTED AT 600 FT. DEEP TO PROTECT FRESH WATER AQUIFERS OF THE NAVAJO FORMATION. ADEQUATE QUANTITIES OF CEMENT MUST BE USED TO CIRCULATE TO SURFACE.
2. ANY FRESH WATER AQUIFERS BELOW THE NAVAJO MUST BE ADEQUATELY ISOLATED TO PREVENT CONTAMINATION
3. THE PLUGGING PROGRAM MUST BE COORDINATED WITH MMS. PLUGGING DESIGN MUST INSURE THAT COMMUNICATION, CONTAMINATION AND COMINGLING OF FORMATIONS VIA THE WELL BORE IS AVOIDED TO PROTECT FRESH WATER AQUIFERS
4. TOPSOIL WILL BE WINDROWED DOWNWIND OF THE LOCATION AWAY FROM THE RESERVE PIT.
5. THE RESERVE PIT WILL BE UNLINED UNLESS SUBSURFACE CONDITIONS ENCOUNTERED DURING CONSTRUCTION INDICATE THE NEED FOR LINING TO INSURE FLUID RETENTION

6. THE DRILL PAD LAYOUT WILL CONFORM TO THE DESIGN AS DISCUSSED AT THE ONSITE INSPECTION AND AS SUBMITTED TO MMS ON 4/19/82. HOWEVER, SURFACE DISTURBANCES NORTH OF THE RESERVE PIT WILL BE KEPT TO A MINIMUM
7. USE OF WATER FROM SOURCES SUCH AS WELLS, SPRINGS, STREAMS OR STOCK PONDS FOR ACTIVITIES ASSOCIATED WITH THIS WELL WILL BE APPROVED OR AUTHORIZED, PRIOR TO USE, BY THE AGENCY OR INDIVIDUAL HOLDING THE WATER RIGHT.
8. USE, MAINTENANCE AND/OR UPGRADING OF COUNTY ROADS WILL BE COORDINATED WITH APPROPRIATE AGENCIES
9. SEE BLM STIPULATIONS.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Moab District
San Rafael Resource Area
P. O. Drawer AB
Price, Utah 84501

MINERALS MANAGEMENT SERVICE
OIL & GAS OPERATIONS
RECEIVED 17554
(U-067)
APR 22 1982
SALT LAKE CITY, UTAH

April 19, 1982

Memorandum

To: Minerals Management Service, District Engineer, SLC UT
From: Area Manager, San Rafael
Subject: Additional Surface Management Requirements for APD's -
M. J. Harvey, Jr., Well 1-21, T. 26 S., R. 16 E., Sec. 21

Following the onsite inspection held April 14 we would like to have the following stipulations made part of the approved permit to drill.

1. The BLM, San Rafael Resource Area will be notified 48 hours before beginning any construction (phone: 801-637-4584; 748-2249 after hours).
2. Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS/USFS oil and gas brochure entitled "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of topsoil, rehabilitation, etc.
3. Topsoil to a depth of 6 inches (approximately 3,000 cu. yds.) shall be stockpiled. When drilling is completed, land will be returned to original contour before topsoil is respread.
4. Seeding shall take place from October 1 to May 1. Seeding shall be by drilling and harrowing and shall be repeated until vegetation is successfully established unless otherwise approved in writing by the Authorized Officer. The following seed mixture shall be used:

<u>Grass</u>	<u>Rate</u>
Indian ricegrass	3 lbs per acre
Crested wheatgrass	3 lbs per acre
Yellow clover	3 lbs per acre

5. During the drilling operations the county road will not be blocked in any way.
6. All vehicle travel will be confined to existing roads. Off road travel is prohibited.
7. Trash will be contained in a wire cage or drum and hauled to an approved dump site.
8. A chemical toilet shall be provided at the drill site. Pit toilets will not be allowed.

9. The Holder shall follow accepted engineering practices in constructing roads and avoid excessive scarring or removal of vegetation.
10. Drainages shall not be plugged by roadbeds. Drainage crossings shall be constructed so as not to cause siltation or accumulation of debris. Where siltation or accumulation of debris occurs, the drainage crossing shall be reworked or relocated.
11. Broad-based drainage dips shall be constructed on long, steep road grades. Dips may be installed after temporary roadbeds have been constructed or during construction of permanent roads.
12. Low water crossings shall be used in temporary roads where road locations are more than one-half mile below the head of a drainage.
13. Access roads to well site shall be rehabilitated as shown in the Surface Use Standards and as required by the surface management agency's Authorized Officer.
14. If the road becomes a permanent road, the following will apply:
 - a. All permanent roads shall be constructed and maintained in good condition for vehicles. Roadway grades and widths for permanent roads must be approved.
 - b. Only one permanent road will be allowed to serve the lease area with one permanent road to each well.

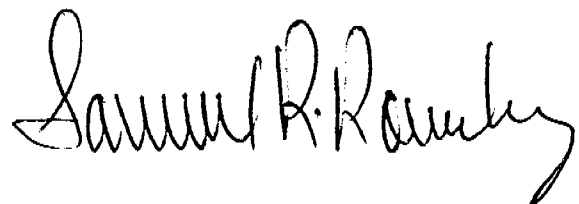
An archaeological evaluation was done by Nickens and Associates for M. J. Harvey, Jr., Well 1-21. No cultural resources were observed or recorded in the field and no National Register status sites will be affected by the drilling program. The cultural clearance is granted with the following stipulations:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.
3. Should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area, the BLM will be notified immediately.

No threatened or endangered plant or animal species are known to inhabit the area.

No public land near the proposed drilling area is subject to the Wilderness Interim Management guidelines.

If the well is a dry hole but water is found, we would like to be advised of the depth the water is found and determine if we would like the water developed.



**** FILE NOTATIONS ****

DATE: April 30, 1982

OPERATOR: M. J. Harvey, Jr.

WELL NO: Harvey Federal #1-21

Location: Sec. 21 T. 26S R. 16E County: Emery

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-015-30105

CHECKED BY:

Petroleum Engineer: _____

Director: O.K. as per rule C-3

Administrative Aide: As Per Rule C-3,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation ☒

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☐

April 30, 1982

M. J. Harvey, Jr.
P. O. Box 12705
Dallas, Texas 75225

RE: Well No. Harvey Federal #1-21
Sec. 21, T. 26S, R. 16 E
Emery County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30105.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Encl.
cc: Minerals Management Service



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 10, 1983

M. J. Harvey, Jr.
P. O. Box 12705
Dallas, Texas 75225

Re: Well No. Harvey Federal # 1-21
Sec. 21, T. 26S, R. 16E.
Emery County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 24, 1983

M. J. Harvey, Jr.
P. O. Box 12705
Dallas, Texas 75225

2nd NOTICE

Re: Well No. Harvey Federal # 1-21
1980' FNL, 1830' FWL
SE NW, Sec. 21, T. 26S, R. 16E.
Emery County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 16, 1984

Bureau of Land Management
Moab District Office
P.O. Box 970
Moab, Utah 84532

Gentlemen

Well No. Harvey Federal #1-21, API #43-015-30105, Lease U-17554,
Sec. 21, T. 26S., R. 16E., Emery County, Utah, was given approval to
drill over one year ago.

Please let me know what action, if any, the Bureau of Land Management
has taken on this well.

Thank you for your help in this matter.

Sincerely

Claudia L. Jones
Well Records Specialist

clj

cc Dianne R. Nielson
Ronald J. Firth
John R. Baza
✓file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☐ Proposed
well well Drillsite

2. NAME OF OPERATOR
M.J. Harvey, Jr.

3. ADDRESS OF OPERATOR
Box 12705 Dallas, Texas 75225

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 1830' FWL (SENW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

☐
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(other) FILL & CUT OFF CONDUCTOR PIPE & RESTORE LOCATION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On May 5, 1983 B & W Construction of Moab, Utah cut off the conductor pipe 2' below ground level and filled the 28' of pipe with dirt. The location was restored and seeded as per recommendations from Mervyn Miles of the Price Utah, Bureau of Land Management office.

Mr. Miles will inspect and report to the Salt Lake City Oil and Gas Bureau of Land Management office.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jerry Keeler TITLE Agent DATE May 9, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE

U-17554

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Harvey Federal

9. WELL NO.

#1-21

10. FIELD OR WILDCAT NAME

wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 21-T26S-R16E

12. COUNTY OR PARISH 13. STATE

Emery

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5037' GR

RECEIVED

AUG 13 1984

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF OIL
GAS & MINING



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 17, 1984

Mr. M. J. Harvey Jr.
P.O. Box 12705
Dallas, Texas 75225

Dear Mr. Harvey:

SUBJECT: Compliance with State Rules and Regulations

This letter will serve to inform you of the need for proper compliance with State rules and regulations concerning the reporting of oil and gas operations. Please note that the Division is taking a more rigid stance requiring adherence to these rules and regulations.

A recent case in which you did not properly report drilling operations as required was the Harvey Federal Well No. 1-21, Sec. 21, T. 26S., R. 16E., Emery County. The Division of Oil, Gas, & Mining has received a copy of the "Sundry Notice", dated May 9, 1983, from the Bureau of Land Management stating that 28' of conductor pipe had been set and then filled with dirt on the subject location.

The Division never received notification of any activity occurring on this location from your company, even though we sent two requests for information.

We consider setting of conductor pipe as spudding of the well and we request that we be notified within 24 hours of such activity as in your letter of approval dated April 30, 1982. It was also stipulated in the same letter that if you determined it necessary to plug and abandon this location, the Division be notified immediately of your intentions.

Proper reporting of oil and gas operations is necessary so the Division can protect the correlative rights of all the public which includes operators such as yourself. Without such protection, operators with large capital resources could achieve an unfair advantage over smaller independents. Therefore, we intend to enforce strict compliance with rules and regulations from all operators in the State of Utah.

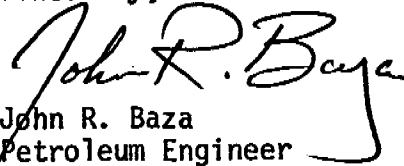
Mr. M. J. Harvey Jr.

-2-

August 17, 1984

Your future cooperation in these matters will be greatly appreciated.

Sincerely,

A handwritten signature in cursive script, reading "John R. Baza". The signature is written in dark ink and is positioned above the printed name and title.

John R. Baza
Petroleum Engineer

JRB/clj

cc: Dianne R. Nielson
Ronald J. Firth
File